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**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

FORM D

**NOTICE OF SALE OF SECURITIES
PURSUANT TO REGULATION D,
SECTION 4(6), AND/OR
UNIFORM LIMITED OFFERING EXEMPTION**

OMB APPROVAL	
OMB Number:	3235-0076
Expires:	December 31, 1996
Estimated average burden hours per form	16.00

ONLY	
Serial	
RECEIVED	

Name of Offering ([] check if this is an amendment and name has changed, and indicate change.)

BioElectronics Corporation - Offering of Units to Purchase Common Shares and Warrants

Filing Under (Check box(es) that apply): [] Rule 504 [] Rule 505 [X] Rule 506 [] Section 4(6) [] ULOE

Type of Filing: [] New Filing [X] Amendment

A. BASIC IDENTIFICATION DATA

1. Enter the information requested about the issuer

Name of Issuer ([] check if this is an amendment and name has changed, and indicate change.)

BioElectronics Corporation

Address of Executive Offices (Number and Street, City, State, Zip Code) Telephone Number (Including Area Code)

3612 Sprigg Street, Frederick, Maryland 21704**(301) 874-0326**

Address of Principal Business Operations (if different from Executive Offices) (Number and Street, City, State, Zip Code) Telephone Number (Including Area Code)

Brief Description of Business

* Type of Business Organization

[] corporation [] limited partnership, already formed [] other (please specify):

[] business trust [] limited partnership, to be formed

Actual or Estimated Date of Incorporation or Organization: [] Month [] Year

Jurisdiction of Incorporation or Organization: (Enter two-letter U.S. Postal Service abbreviation for State: CN for Canada; FN for foreign jurisdiction)

GENERAL INSTRUCTIONS

Federal:

Who Must File: All issuers making an offering of securities in reliance on an exemption under Regulation D or Section 4(6), 17 CFR 230.501 et seq. or 15 U.S.C 77d(6).*When To File:* A notice must be filed no later than 15 days after the first sale of securities in the offering. A notice is deemed filed with the U.S. Securities and Exchange Commission (SEC) on the earlier of the date it is received by the SEC at the address given below or, if received at that address after the date on which it is due, on the date it was mailed by United States registered or certified mail to that address.*Where to File:* U.S. Securities and Exchange Commission, 450 Fifth Street, N.W., Washington, D.C. 20549.*Copies Required:* Five (5) copies of this notice must be filed with the SEC, one of which must be manually signed. Any copies not manually signed must be photocopies of the manually signed copy or bear typed or printed signatures.*Information Required:* A new filing must contain all information requested. Amendments need only report the name of the issuer and offering, any changes thereto, the information requested in Part C, and any material changes from the information previously supplied in Parts A and B. Part E and the Appendix need not be filed with the SEC.*Filing Fee:* There is no federal filing fee.

State:

This notice shall be used to indicate reliance on the Uniform Limited Offering Exemption (ULOE) for sales of securities in those states that have adopted ULOE and that have adopted this form. Issuers relying on ULOE must file a separate notice with the Securities Administrator in each state where sales are to be, or have been made. If a state requires the payment of a fee as a precondition to the claim for the exemption, a fee in the proper amount shall accompany this form. This notice shall be filed in the appropriate states in accordance with state law. The Appendix to the notice constitutes a part of this notice and must be completed.

ATTENTION

Failure to file notice in the appropriate states will not result in a loss of the federal exemption. Conversely, failure to file the appropriate federal notice will not result in a loss of an available state exemption unless such exemption is predicated on the filing of a federal notice.

A. BASIC IDENTIFICATION DATA

2. Enter the information requested for the following:

- Each promoter of the issuer, if the issuer has been organized within the past five years;
- Each beneficial owner having the power to vote or dispose, or direct the vote or disposition, of, 10% or more of a class of equity securities of the issuer;
- Each executive officer and director of corporate issuers and of corporate general and managing partners of partnership issuers; and
- Each general and managing partner of partnership issuers.

Check Box(es) that Apply:	<input checked="" type="checkbox"/> Promoter <input type="checkbox"/> General and/or Managing Partner	<input checked="" type="checkbox"/> Beneficial Owner	<input checked="" type="checkbox"/> Executive Officer	<input checked="" type="checkbox"/> Director
Full Name (Last name first, if individual) Whelan, Andrew J.				
Business or Residence Address (Number and Street, City, State, Zip Code) 3612 Sprigg Street, Frederick, Maryland 21704				
Check Box(es) that Apply:	<input type="checkbox"/> Promoter <input type="checkbox"/> General and/or Managing Partner	<input checked="" type="checkbox"/> Beneficial Owner	<input checked="" type="checkbox"/> Executive Officer	<input checked="" type="checkbox"/> Director
Full Name (Last name first, if individual) Lyons, William J.				
Business or Residence Address (Number and Street, City, State, Zip Code) 617 Joshua Court, Naperville, Illinois 60540				
Check Box(es) that Apply:	<input type="checkbox"/> Promoter <input type="checkbox"/> General and/or Managing Partner	<input type="checkbox"/> Beneficial Owner	<input checked="" type="checkbox"/> Executive Officer	<input checked="" type="checkbox"/> Director
Full Name (Last name first, if individual) O'Connor, Thomas J.				
Business or Residence Address (Number and Street, City, State, Zip Code) 1130 East Missouri Avenue, Suite 700, Phoenix, Arizona 85014				
Check Box(es) that Apply:	<input type="checkbox"/> Promoter <input type="checkbox"/> General and/or Managing Partner	<input type="checkbox"/> Beneficial Owner	<input checked="" type="checkbox"/> Executive Officer	<input type="checkbox"/> Director
Full Name (Last name first, if individual) Micheletti, Carlo				
Business or Residence Address (Number and Street, City, State, Zip Code) 934 North University Drive, Suite 310, Coral Springs, Florida 33071				
Check Box(es) that Apply:	<input type="checkbox"/> Promoter <input type="checkbox"/> General and/or Managing Partner	<input type="checkbox"/> Beneficial Owner	<input checked="" type="checkbox"/> Executive Officer	<input type="checkbox"/> Director
Full Name (Last name first, if individual) Woodhams, James				
Business or Residence Address (Number and Street, City, State, Zip Code) 505 San Pasqual Valley Road, Apartment 179, Escondido, California 92027				
Check Box(es) that Apply:	<input type="checkbox"/> Promoter <input type="checkbox"/> General and/or Managing Partner	<input type="checkbox"/> Beneficial Owner	<input checked="" type="checkbox"/> Executive Officer	<input type="checkbox"/> Director
Full Name (Last name first, if individual) Martinez, John M.				
Business or Residence Address (Number and Street, City, State, Zip Code) 1400 El Camino Village Drive, Houston, Texas 77058				
Check Box(es) that Apply:	<input type="checkbox"/> Promoter <input type="checkbox"/> General and/or Managing Partner	<input type="checkbox"/> Beneficial Owner	<input type="checkbox"/> Executive Officer	<input checked="" type="checkbox"/> Director
Full Name (Last name first, if individual) Kinney, Brian Maltbie, M.D.				
Business or Residence Address (Number and Street, City, State, Zip Code) 2080 Century Park East, Los Angeles, California 90067				
Check Box(es) that Apply:	<input type="checkbox"/> Promoter <input type="checkbox"/> General and/or Managing Partner	<input type="checkbox"/> Beneficial Owner	<input type="checkbox"/> Executive Officer	<input checked="" type="checkbox"/> Director
Full Name (Last name first, if individual) Peery, Ashton				
Business or Residence Address (Number and Street, City, State, Zip Code) 5 Old Concord Road, Lincoln, Massachusetts 01773				

A. BASIC IDENTIFICATION DATA

2. Enter the information requested for the following:

- Each promoter of the issuer, if the issuer has been organized within the past five years;
- Each beneficial owner having the power to vote or dispose, or direct the vote or disposition, of, 10% or more of a class of equity securities of the issuer;
- Each executive officer and director of corporate issuers and of corporate general and managing partners of partnership issuers; and
- Each general and managing partner of partnership issuers.

Check Box(es) that Apply: ☐ Promoter ☐ Beneficial Owner ☐ Executive Officer ☒ Director
☐ General and/or Managing Partner

Full Name (Last name first, if individual)

Watson, Douglas

Business or Residence Address (Number and Street, City, State, Zip Code)

52 Liberty Corner Road, Far Hills, New Jersey 07931

Check Box(es) that Apply: ☐ Promoter ☐ Beneficial Owner ☐ Executive Officer ☒ Director
☐ General and/or Managing Partner

Full Name (Last name first, if individual)

Whelan, Mary

Business or Residence Address (Number and Street, City, State, Zip Code)

23 Crest Drive, Basking Ridge, New Jersey 07920

Check Box(es) that Apply: ☐ Promoter ☐ Beneficial Owner ☐ Executive Officer ☐ Director
☐ General and/or Managing Partner

Full Name (Last name first, if individual)

Business or Residence Address (Number and Street, City, State, Zip Code)

Check Box(es) that Apply: ☐ Promoter ☐ Beneficial Owner ☐ Executive Officer ☐ Director
☐ General and/or Managing Partner

Full Name (Last name first, if individual)

Business or Residence Address (Number and Street, City, State, Zip Code)

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☐ General and/or Managing Partner

Full Name (Last name first, if individual)

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☐ General and/or Managing Partner

Full Name (Last name first, if individual)

Business or Residence Address (Number and Street, City, State, Zip Code)

Check Box(es) that Apply: ☐ Promoter ☐ Beneficial Owner ☐ Executive Officer ☐ Director
☐ General and/or Managing Partner

Full Name (Last name first, if individual)

Business or Residence Address (Number and Street, City, State, Zip Code)

B. INFORMATION ABOUT OFFERING

1. Has the issuer sold, or does the issuer intend to sell, to non-accredited investors in this offering? Yes No
[] [X]
Answer also in Appendix, Column 2, if filing under ULOE.
2. What is the minimum investment that will be accepted from any individual? \$ 30,000*
***Minimum investment amount may be waived in the discretion of the Placement Agent**
3. Does the offering permit joint ownership of a single unit? Yes No
[X] []
4. Enter the information requested for each person who has been or will be paid or given, directly or indirectly, any commission or similar remuneration for solicitation of purchasers in connection with sales of securities in the offering. If a person to be listed is an associated person or agent of a broker or dealer registered with the SEC and/or with a state or states, list the name of the broker or dealer. If more than five (5) persons to be listed are associated persons of such a broker or dealer, you may set forth the information for that broker or dealer only.

Full Name (Last name first, if individual)

Business or Residence Address (Number and Street, City, State, Zip Code)

174 Patterson Avenue, Shrewsbury, New Jersey 07702

Name of Associated Broker or Dealer

Buckman, Buckman & Reid, Inc.

States in Which Person Listed Has Solicited or Intends to Solicit Purchasers

(Check "All States" or check individual States) [X] All States

[AL]	[AK]	[AZ]	[AR]	[CA]	[CO]	[CT]	[DE]	[DC]	[FL]	[GA]	[HI]	[ID]
[IL]	[IN]	[IA]	[KS]	[KY]	[LA]	[ME]	[MD]	[MA]	[MI]	[MN]	[MS]	[MO]
[MT]	[NE]	[NV]	[NH]	[NJ]	[NM]	[NY]	[NC]	[ND]	[OH]	[OK]	[OR]	[PA]
[RI]	[SC]	[SD]	[TN]	[TX]	[UT]	[VT]	[VA]	[WA]	[WV]	[WI]	[WY]	[PR]

Full Name (Last name first, if individual)

Doyle, John A.

Business or Residence Address (Number and Street, City, State, Zip Code)

2905 Maple Avenue, Dallas, Texas 75201

Name of Associated Broker or Dealer

First Dallas Securities Incorporated

States in Which Person Listed Has Solicited or Intends to Solicit Purchasers

(Check "All States" or check individual States) [] All States

[AL]	[AK]	[AZ]	[AR]	[CA]	[CO]	[CT]	[DE]	[DC]	[FL]	[GA]	[HI]	[ID]
[IL]	[IN]	[IA]	[KS]	[KY]	[LA]	[ME]	[MD]	[MA]	[MI]	[MN]	[MS]	[MO]
[MT]	[NE]	[NV]	[NH]	[NJ]	[NM]	[NY]	[NC]	[ND]	[OH]	[OK]	[OR]	[PA]
[RI]	[SC]	[SD]	[TN]	[TX]	[UT]	[VT]	[X-VA]	[WA]	[WV]	[WI]	[WY]	[PR]

Full Name (Last name first, if individual)

Business or Residence Address (Number and Street, City, State, Zip Code)

Name of Associated Broker or Dealer

States in Which Person Listed Has Solicited or Intends to Solicit Purchasers

(Check "All States" or check individual States) [] All States

[AL]	[AK]	[AZ]	[AR]	[CA]	[CO]	[CT]	[DE]	[DC]	[FL]	[GA]	[HI]	[ID]
[IL]	[IN]	[IA]	[KS]	[KY]	[LA]	[ME]	[MD]	[MA]	[MI]	[MN]	[MS]	[MO]
[MT]	[NE]	[NV]	[NH]	[NJ]	[NM]	[NY]	[NC]	[ND]	[OH]	[OK]	[OR]	[PA]
[RI]	[SC]	[SD]	[TN]	[TX]	[UT]	[VT]	[VA]	[WA]	[WV]	[WI]	[WY]	[PR]

(Use blank sheet, or copy and use additional copies of this sheet, as necessary.)

C. OFFERING PRICE, NUMBER OF INVESTORS, EXPENSES AND USE OF PROCEEDS

1. Enter the aggregate offering price of securities included in this offering and the total amount already sold. Enter "0" if answer is "none" or "zero." If the transaction is an exchange offering, check this box ☐ and indicate in the columns below the amounts of the securities offered for exchange and already exchanged.

Type of Security	Aggregate Offering Price	Amount Already Sold
Debt —	\$	\$
Equity.....	\$	\$
<input type="checkbox"/> Common <input type="checkbox"/> Preferred		
Convertible Securities (including warrants) Placement Agent Warrants* ..	\$ <u>530,000*</u>	\$ <u>173,360*</u>
Partnership Interests.....	\$	\$
Other (specify) Units, consisting of one (1) share of Common Stock and .. one (1) Common Stock Purchase Warrant, at a price per Unit of \$0.30	\$ <u>3,000,000</u>	\$ <u>996,000</u>
Total Includes value of Placement Agent Warrants issued without consideration	\$ <u>3,530,000</u>	\$ <u>1,169,360</u>

*2 year Warrants to purchase Units at exercise price of \$0.40 per Unit; 5 year Warrants to purchase Units at exercise price of \$0.33 per Unit. — Issued without consideration

Answer also in Appendix, Column 3, if filing Under ULOE

2. Enter the number of accredited and non-accredited investors who have purchased securities in this offering and the aggregate dollar amounts of their purchases. For offerings under Rule 504, indicate the number of persons who have purchased securities and the aggregate dollar amount of their purchases on the total lines. Enter "0" if answer is "none" or "zero."

	Number Investors	Aggregate Dollar Amount of Purchases
Accredited Investors	<u>37**</u>	\$ <u>1,169,360**</u>
Non-accredited Investors	<u>0</u>	\$ <u>0</u>
**Includes issuance of Placement Agent Warrants		
Total (for filings Under Rule 504 Only)	<u>N/A</u>	\$ <u>N/A</u>

Answer also in Appendix, Column 4 if filing under ULOE

3. If this filing is for an offering Under Rule 504 or 505, enter the information requested for all securities sold by the issuer, to date, in offerings of the types indicated, in the twelve (12) months prior to the first sale of securities in this offering. Classify securities by type listed in Part C — Question 1.

Type of offering	Type of Security	Dollar Amount Sold
Rule 505	<u>N/A</u>	\$ <u>N/A</u>
Regulation A	<u>N/A</u>	\$ <u>N/A</u>
Rule 504	<u>N/A</u>	\$ <u>N/A</u>
Total	<u>N/A</u>	\$ <u>N/A</u>

4. a. Furnish a statement of all expenses in connection with the issuance and distribution of the securities in this offering. Exclude amounts relating solely to organization expenses of the issuer. The information may be given as subject to future contingencies. If the amount of an expenditure is not known, furnish an estimate and check the box to the left of the estimate.

Transfer Agent's Fees	<input type="checkbox"/>	\$
Printing and Engraving Costs	<input type="checkbox"/>	\$
Legal Fees	<input checked="" type="checkbox"/>	\$ <u>50,000</u>
Accounting Fees	<input type="checkbox"/>	\$
Engineering Fees	<input type="checkbox"/>	\$
Sales Commissions (Specify finder's fees separately)	<input checked="" type="checkbox"/>	\$ <u>390,000</u>
Other Expenses (identify):	<input type="checkbox"/>	\$
Total	<input checked="" type="checkbox"/>	\$ <u>440,000</u>

C. OFFERING PRICE, NUMBER OF INVESTORS, EXPENSES AND USE OF PROCEEDS

b. Enter the difference between the aggregate offering price given in response to Part C – Question 1 and total expenses furnished in response to Part C – Question 4.a. This difference is the “adjusted gross proceeds to the issuer.”

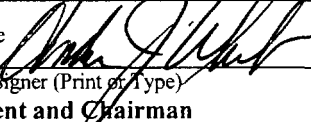
\$ 3,090,000

5. Indicate below the amount of the adjusted gross proceeds to the issuer used or proposed to be used for each of the purposes shown. If the amount for any purpose is not known, furnish an estimate and check the box to the left of the estimate. The total of the payments listed must equal the adjusted gross proceeds to the issuer set forth in response to Part C – Question 4.b above.

		Payments to Officers, Directors, & Affiliates	Payments To Others
Salaries and fees	<input type="checkbox"/>	\$	\$
Purchase of real estate.....	<input type="checkbox"/>	\$	\$
Purchase, rental or leasing and installment of machinery and equipment	<input type="checkbox"/>	\$ <input checked="" type="checkbox"/>	\$ <u>150,000</u>
Construction or leasing of plant buildings and facilities.....	<input type="checkbox"/>	\$	\$
Acquisition of other businesses (including the value of securities involved in this offering that may be used in exchange for the assets of securities of another issuer pursuant to a merger)	<input type="checkbox"/>	\$	\$
Repayment of indebtedness	<input type="checkbox"/>	\$ <input checked="" type="checkbox"/>	\$ <u>305,000</u>
Working capital	<input type="checkbox"/>	\$ <input checked="" type="checkbox"/>	\$ <u>1,385,000</u>
Other: Acquisition of Inventory, Sales & Marketing, Clinical Trials	<input type="checkbox"/>	\$ <input checked="" type="checkbox"/>	\$ <u>1,250,000</u>
Column totals	<input type="checkbox"/>	\$ <input checked="" type="checkbox"/>	\$ <u>3,090,000</u>
Total payments listed (column totals added)	<input checked="" type="checkbox"/>	\$ <u>3,090,000</u>	

D. FEDERAL SIGNATURE

The issuer has duly caused this notice to be signed by the undersigned duly authorized person. If this notice is filed under Rule 505, the following signature constitutes an undertaking by the issuer to furnish to the U.S. Securities and Exchange Commission, upon written request of its staff, the information furnished by the issuer to any non-accredited investor pursuant to paragraph (b)(2) of Rule 502.

Issuer (Print or Type) BioElectronics Corporation	Signature 	Date April , 2005
Name of Signer (Print or Type) Andrew J. Whelan	Title of Signer (Print or Type) President and Chairman	

Attention

Intentional misstatements or omissions of fact constitute federal criminal violations. (See 18 U.S.C. 1001.)